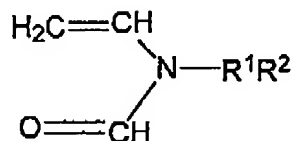
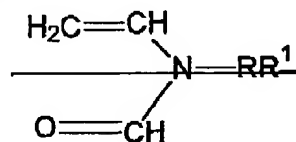


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AMENDMENTS TO THE SPECIFICATION:

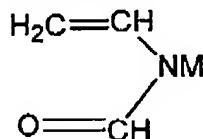
On page 3 of the specification, please amend paragraph 0009 as follows:

[0009] In one aspect, the present invention provides a method of synthesizing a compound having the formula:



comprising the step of:

reacting a N-vinylformamide salt having the formula



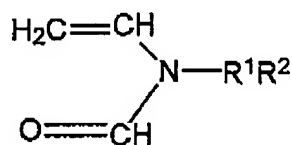
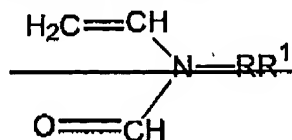
with a compound having the formula $\text{XR}^1\text{R}^2 \text{XRR}^3$ (for example, in the presence of a base); wherein X is Br, Cl or I, M is an alkali metal or an alkali earth metal, R¹ is a C0-C25 alkylene group, a C0-C25 fluoroalkylene group or a C0-C25 perfluoro alkylene group, R² is H, provided R¹ is not absent, an alkyl group, a fluoroalkyl group, a perfluoroalkyl group, an aryl group, a hydroxy group, a polyether group, a heterocyclic group of 5 or 6 atoms wherein at least one of the atoms is not a carbon and is N, O, or S, -OR³, wherein, R³ is an alkyl group, a fluoroalkyl group, a perfluoroalkyl group, or an aryl group, -C(O)R⁴, -C(O)OR⁴, -OC(O)R⁴, wherein R⁴ is an H, an alkyl group, a fluoroalkyl group, a perfluoroalkyl group, or an aryl group, a phthalimide group or NR⁵R⁵ wherein R⁵ and R⁵ are independently H, -C(O)R⁴, an alkyl, a fluoroalkyl group, a perfluoroalkyl group or an aryl group.

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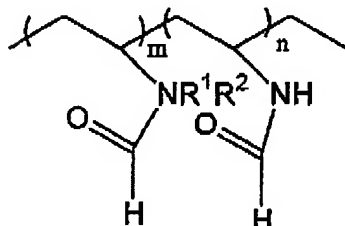
Attorney Docket No. 02-003

On pages 5 through 6 of the specification, please amend paragraph 0018 as follows:

[0018] In a further aspect, the present invention provides a copolymer produced by reaction of a compound having the formula:



with N-vinylformamide, wherein the copolymer includes the following repeat units:



and wherein m and n are independently, integers, R^1 is a C0-C25 alkylene group, a C0-C25 fluoroalkylene group or a C0-C25 perfluoro alkylene group, R^2 is H, provided R^1 is not absent, an alkyl group, a fluoroalkyl group, a perfluoroalkyl group, an aryl group, a hydroxy group, a polyether group, a heterocyclic group of 5 or 6 atoms wherein at least one of the atoms is not a carbon and is N, O, or S, $-\text{OR}^3$, wherein, R^3 is an alkyl group, a fluoroalkyl group, a perfluoroalkyl group, or an aryl group, $-\text{C}(\text{O})\text{R}^4$, $-\text{C}(\text{O})\text{OR}^4$, $-\text{OC}(\text{O})\text{R}^4$, wherein R^4 is an H, an alkyl group, a fluoroalkyl group, a perfluoroalkyl group, or an aryl group, a phthalimide group or NR^5R^5 wherein R^5 and R^5 are independently H, $-\text{C}(\text{O})\text{R}^4$, an alkyl, a fluoroalkyl group, a perfluoroalkyl group or an aryl group.